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33 Pages

March 1965

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PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART I
MISSION 4016
13-16 MARCH 1965



CIA



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WARNING

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MISSION 4016 13-16 MARCH 1965

OAK - PART I

MISSION 4016

PREFACE

THIS IS THE FIRST OF SEVERAL OAK REPORTS ON MISSION 4016 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMIDARKNESS), O (OBLIQUITY) S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. ICBM COMPLEXES

ON MISSION 4016, 7 OF THE 25 DEPLOYED COMPLEXES WERE COVERED BY CLOUD-FREE PHOTOGRAPHY WITH GROUND SNOW COVER. DOMBAROVSKIY, DROVYANAYA, KOZELSK, OLOVYANNAYA AND TATISHCHEVO WERE COMPLETELY COVERED. KARTALY, PLESETSK, UZHUR, GLADKAYA, AND PERM WERE PARTIALLY COVERED AND DETAIL AT UZHUR, GLADKAYA, AND PERM WAS ALSO LIMITED BY SCATTERED CLOUDS.

LAUNCH GROUP B AT TATISHCHEVO AND A NEW LAUNCH GROUP, GROUP G, AT PERM CAN BE CONFIRMED AND AT LEAST 3 SITES HAVE BEEN NEWLY IDENTIFIED AT DROVYANAYA.

GLADKAYA IS REPORTED IN THIS OAK.

THE REMAINING 15 COMPLEXES WERE EITHER CLOUD-COVERED OR NOT COVERED.

TYURATAM MISSILE TEST CENTER WAS COVERED BY SCATTERED TO HEAVY CLOUDS WITH COMPLEXES A, B AND J IDENTIFIED ONLY.

2. ROZHDESTVENKA MRBM LAUNCH SITE

SITE IS INACTIVE AND SNOW COVERED.

3. OLENEGORSK SAM SITE (MISSILE BONUS)

A COMPLETED SA-3 SAM SITE IS NEWLY IDENTIFIED 21 NM ESE OF OLENEGORSK AT 68-03-30N 034-13-30E.

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4. HAO ATOLL, POSS NE TEST SITE

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NEW UNIDENTIFIED CONSTRUCTION ACTIVITY IS EVIDENT
SE OF OTEPA VILLAGE.

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STATUS OF COMOR TARGET READOUT

FIFTY-THREE COMOR TARGETS WERE OBSERVED DURING THE OAK
REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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Missiles

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MISSILES

TYURATAM LAUNCH COMPLEX A (SITES 1, 15) UR 4555N 06320E

IDENTIFICATION ONLY.

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TYURATAM LAUNCH COMPLEX B (SITES 2,16,17) UR 4559N 06333E

LAUNCH AREA B2 CAN BE IDENTIFIED ONLY. REST OF COMPLEX IS NOT COVERED BY PHOTOGRAPHY.

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TYURATAM COMPLEX J

UR 4554N 06316E

IDENTIFICATION ONLY.

25X1

TYURATAM MAIN SUPPORT BASE

UR 4538N 06317E

IDENTIFICATION ONLY.

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GLADKAYA ICBM LAUNCH GROUP F

UR 5613N 09214E

LAUNCH GROUP F IS COVERED BY FAIR QUALITY MONOSCOPIC PHOTOGRAPHY. POSSIBLE SITE F8 IS THE ONLY LAUNCH SITE VISIBLE. HEAVY CLOUDS OBSCURE ALL OTHER COMPONENTS OF THE LAUNCH GROUP. POSSIBLE SITE F8 REMAINS ACTIVE WITH ACCESS ROADS CLEARED OF SNOW. NO SIGNIFICANT CHANGE SINCE [REDACTED] MONOSCOPIC PHOTOGRAPHY AND GROUND SNOW PRECLUDE INTERPRETATION OF CONSTRUCTION DETAILS.

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ZHITOMIR MRBM LAUNCH SITE 2

UR 5010N 02816E

SITE IS ACTIVE AND ERECTORS ARE VISIBLE ON 4 PADS. SCATTERED CLOUDS PRECLUDE DETAILED INTERPRETATION OF

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FACILITIES. NO APPARENT CHANGE IN ESTABLISHED MENSURATION.

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BERDICHEV MRBM LAUNCH SITE

UR 5005N 02822E

SITE IS ACTIVE AND ERECTORS ARE VISIBLE ON ALL 4 PADS. AN UNIDENTIFIED LONG OBJECT REMAINS IN FRONT OF ONE OF THE READY BUILDINGS. SCATTERED CLOUDS PRECLUDE DETAILED INTERPRETATION OF FACILITIES. NO CHANGE IN ESTABLISHED MENSURATION.

ROZHDESTVENKA MRBM LAUNCH SITE

UR 4547N 13343E

SITE IS INACTIVE AND SNOW COVERED. NO CHANGE SINCE APPARENT IN THE LAUNCH AREA.

UGOLNYY MRBM LAUNCH SITE

UR 6447N 17756E

MISSILE ERECTORS ARE VISIBLE ON ALL LAUNCH PADS. IN ADDITION, 2 UNIDENTIFIED PIECES OF EQUIPMENT CAN BE SEEN ON THE NE LAUNCH PAD. CONSTRUCTION IS APPARENTLY COMPLETE BETWEEN THE NE LAUNCH PADS. CONSIDERABLE VEHICULAR ACTIVITY IS OBSERVED WITHIN THE LAUNCH SITE AND SITE SUPPORT FACILITY. THE ROADS WITHIN THE SITE HAVE BEEN CLEARED OF SNOW.

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V-SHAPED ANTENNAS, PROBABLY LOG PERIODICS, LOCATED APPROXIMATELY 1 NM SE OF THE LAUNCH SITE. AN UNDETERMINED NUMBER OF ANTENNA MASTS, PROBABLY DOUBLE RHOMBICS, LOCATED IMMEDIATELY SE OF THE SITE SUPPORT FACILITY ARE NEWLY IDENTIFIED. THE LAUNCH SITE AND NUCLEAR WARHEAD FACILITY ARE SINGLE FENCED AND SEPARATED FROM THE SITE SUPPORT FACILITY. THE FISHBONE AND V-SHAPED ANTENNA COMMUNICATIONS SITE IS SECURED BY A SINGLE FENCE. NO CHANGE IN THE ESTABLISHED MENSURATION FOR MRBM LAUNCH AREA.

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(ATTACHMENT 1)

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KURDZHIPSKAYA MRBM LAUNCH SITE

UR 4431N 04000E

SITE IS ACTIVE WITH AT LEAST 23 VEHICLES OBSERVED.
ERECTORS ARE VISIBLE ON EACH PAD. TWO LONG
UNIDENTIFIED OBJECTS ARE VISIBLE IN FRONT OF THE
WESTERN 2 READY BUILDINGS. NO NEW CONSTRUCTION
VISIBLE.
NO CHANGE IN ESTABLISHED MENSURATION.

SHIRVANSKAYA MRBM LAUNCH SITE

UR 4425N 03954E

NO APPARENT CHANGE IN FACILITIES SINCE

NO CHANGE IN ESTABLISHED MENSURATION. A FEW POSSIBLE
TRUCKS AND TRACKAGE ARE DISCERNIBLE AT THE LAUNCH SITE.

SLONIM SUSP ALTERNATE MRBM SITE (BYTEN)

UR 5244N 02531E

IDENTIFICATION ONLY.

LEBEDIN FIXED FIELD IRBM SITE

UR 5032N 03428E

THE PATTERN OF CLEARINGS IN THE FOREST AT THE ABOVE
LISTED COORDINATES IS NOT CONSIDERED TO BE A FIXED
FIELD IRBM SITE.

VOTKINSK ARMS MACHINE AND STEEL PLT 235

UR 5703N 05359E

NO INDICATIONS OF MISSILE OR MISSILE-ASSOCIATED
PRODUCTION ACTIVITY DISCERNIBLE. NO MISSILE-HANDLING
EQUIPMENT DISCERNIBLE.

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KUYBYSHEV AIRFRAME PLANT STALIN 1

UR 5313N 05018E

NO NEW CONSTRUCTION OR INDUSTRIAL FEATURES OBSERVED SINCE [REDACTED] TWO PROBABLE RAIL CARS ARE LOCATED BETWEEN THE HIGH BAY AND FINAL ASSEMBLY BUILDINGS, THREE RAIL CARS 75-80 FEET LONG AND ONE RAIL CAR 60 FEET LONG ARE LOCATED IN THE EASTERN PART OF THE PLANT.

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OMSK RKT ENG TEST FAC GORNAYA BITIYA

UR 5525N 07317E

CONSTRUCTION CONTINUES ON THE SECOND TEST STAND, WHICH WILL BE SERVED BY A H-SHAPED APPROACH RAMP. A CONTROL BUILDING AND A SMALLER SUPPORT BUILDING HAVE BEEN ERECTED NEAR THE STAND. THE ORIGINAL TEST STAND APPEARS TO BE UNCHANGED. TEN SMALL VERTICAL TANKS IN A RECTANGULAR STRUCTURE ARE LOCATED BEHIND THIS STAND. POSSIBLE ENGINE CHECKOUT, COMPONENT TEST, AND FUEL STORAGE BUILDINGS ARE IDENTIFIABLE. AT LEAST 20 RAIL CARS ARE VISIBLE WITHIN THE AREA. A BRIDGE ACROSS THE RAVINE WHICH RUNS THROUGH THE AREA IS IN AN EARLY STAGE OF CONSTRUCTION JUST OUTSIDE THE SOUTH SECURITY FENCE. NO GROUND HANDLING EQUIPMENT IDENTIFIED.

(ATTACHMENT 2)

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KAZAN AIRCRAFT ENGINE PLANT 16

UR 5551N 04907E

NO TEST STANDS OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

KUYBYSHEV AIRCRAFT ENGINE PLT FRUNZE 24

UR 5312N 05017E

CONSTRUCTION CONTINUES ON TEST CELLS. NO MISSILE-ASSOCIATED ACTIVITY OBSERVED.

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REVYAKINO SUSPECT SSM SITE

UR 5423N 03732E

AREA COVERED ON CLOUD-FREE, FAIR QUALITY PHOTOGRAPHY.
NO SSM ACTIVITY IDENTIFIABLE IN VICINITY OF SUSPECT SSM
SITE.

[REDACTED]

KOMSOMOLSK SHIPYARD AMUR 199

UR 5033N 13702E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
[REDACTED] NO EVIDENCE OF NUCLEAR SS CONSTRUCTION
VISIBLE.

VESSELS -- 1 UNIDENTIFIED COMBATANT APPROXIMATELY 450 X
50 FT WITH SUPERSTRUCTURE UNDER CONSTRUCTION IN WET
DOCK, A FLOATING DRYDOCK (PROBABLY OCCUPIED), AND 2
MERCHANT VESSELS.

[REDACTED]

YOKANGA NAVAL BASE AND SHIP REPAIR YARD

UR 6804N 03932E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
[REDACTED] NO CONSTRUCTION ACTIVITY OBSERVED.

VESSELS -- 8 W-CLASS SS, 1 PROBABLE N-CLASS SSN, 1
PROBABLE ATREK-CLASS ASL, 1 PROBABLE DNEPR-CLASS AR, 2
POSSIBLE KOLA-CLASS DE, 2 UNIDENTIFIED PATROL CRAFT,
ONE 340-X 45-FT PROBABLE TARGET BARGE, AND NUMEROUS
SMALL SURFACE CRAFT.

(ATTACHMENT 3)

[REDACTED]

OLENEGORSK SAM SITE

UR 6803N 03413E BONUS 1

A COMPLETED SA-3 SAM SITE IS NEWLY IDENTIFIED 21 NM ESE
OF OLENEGORSK AT 68-03-30N 034-13-30E.

[REDACTED]

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Air Facilities

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AIR FACILITIES

UKRAINA AIRFIELD

UR 5110N 12826E

NO APPARENT CHANGE IN FACILITIES SINCE

AIRCRAFT -- 12 BISON, 1 BADGER, 2 CAT/CUB, AND 1 CAB ON
HARDSTANDS ALONG WEST TAXIWAY, 16 BISON ON HARDSTANDS
ALONG EAST TAXIWAY, 15 BISON ON SE PARKING APRON, AND 1
BISON ON LOADING HARDSTAND.

PANG-FOU AIRFIELD

CH 3256N 11722E

NO APPARENT CHANGE IN FACILITIES SINCE

AIRCRAFT -- 7 FAGOT/FRESCO, 20 MOOSE/MAX-TYPE, 4 CAB,
AND 3 COLT.

HSIN-CHIN AIRFIELD

CH 3927N 12201E

NO APPARENT CHANGE IN FACILITIES OBSERVED ON FAIR
QUALITY, NON-STEREO PHOTOGRAPHY SINCE
TAXIWAY, HARDSTANDS, AND PARKING APRON ARE
PARTIALLY CLOUD COVERED.

AIRCRAFT -- 20 PROBABLE FAGOT/FRESCO AND 1 PROBABLE
CRATE.

SAN-SHIH-LI-PAO AIRFIELD

CH 3917N 12146E

NO APPARENT CHANGE IN FACILITIES SINCE
ONLY EAST END OF NW/SE RUNWAY VISIBLE. NO
RADAR FACILITIES OBSERVED.

AIRCRAFT -- NONE OBSERVED.

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HAI-CHOU AIRFIELD WEST

CH 3435N 11852E

NO APPARENT CHANGE IN FACILITIES SINCE
NO RADAR FACILITIES DISCERNIBLE.

AIRCRAFT -- NONE OBSERVED.

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YEN-TAI AIRFIELD SOUTH

CH 3724N 12121E

IDENTIFICATION ONLY.

25X1

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07955W

NO APPARENT CHANGE IN FACILITIES SINCE
RUNWAY IS SERVICEABLE. CONSTRUCTION STATUS OF
EARTH-COVERED HANGARETTE REPORTED UNDER CONSTRUCTION ON
CANNOT BE DETERMINED. NO RADAR OR
COMMUNICATIONS FACILITIES OBSERVED.

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DEFENSES INCLUDE AN OCCUPIED 6-GUN LIGHT AAA SITE SOUTH
OF WSW END OF RUNWAY, A PROBABLY OCCUPIED 6-GUN LIGHT
AAA SITE NORTH OF ENE END OF RUNWAY, AND AN OCCUPIED
6-GUN LIGHT AAA SITE NORTH OF CENTER OF RUNWAY. NO
SAMS, AIRCRAFT IN CRATES, OR HELOS OBSERVED.

AIRCRAFT -- 29 FAGOT/FRESCO, 1 SMALL STRAIGHT-WING, AND
6 HOUND (2 WITHOUT ROTORS).

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KENDARI AIRFIELD

ID 0405S 12225E

NO APPARENT CHANGE IN FACILITIES OBSERVED ON FAIR-TO-
GOOD QUALITY PHOTOGRAPHY SINCE

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AIRCRAFT -- NONE OBSERVED IN CLOUD-FREE AREAS.

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**Nuclear
Energy**

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**Naval
Activity /
Ports**

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NAVAL ACTIVITY/PORTS

TA-HSIEH TAO NAVAL BASE

CH 2953N 12157E

25X1

NO APPARENT CHANGE IN FACILITIES SINCE

25X1

VESSELS -- 2 W-CLASS SS.

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5X1

**Biological/
Chemical
Warfare**

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**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

25X1

LADYZHENKA COMMUNICATIONS SITE

UR 5056N 06845E

A SMALL FACILITY CONTAINING 7 VEHICLES/VANS PARKED IN A LINE AND 3 OR 4 POSSIBLE BUILDINGS IS LOCATED AT THESE COORDINATES. NO ANTENNAS OR CONSTRUCTION ACTIVITY OBSERVED.

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TYURATAM RADIO STATION 2

UR 4536N 06316E

NO APPARENT CHANGE SINCE

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TYURATAM INSTRUMENTATION SITE

UR 5058N 06836E

OPERATIONS/SUPPORT FACILITY CONTAINS APPROXIMATELY 20 BUILDINGS AND A SMALL POSSIBLE INSTRUMENTATION/ COMMUNICATIONS AREA WITH 4 UNIDENTIFIED OBJECTS. THIRTY-TWO VEHICLES ARE PARKED IN 3 AREAS OF THE FACILITY.

INTERSECTING LANDING STRIPS CAN BE IDENTIFIED ONLY. NO ANTENNAS OR CONSTRUCTION ACTIVITY OBSERVED.

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**Military
Activity**

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MILITARY ACTIVITY

NIEN-TZU-SHAN MUNITIONS PLANT

CH 4731N 12252E

APPROXIMATELY 1 NM NE OF NIEN-TZU-SHAN.

EXTENSIVE SECURED AREA CONTAINS APPROXIMATELY 75 MAJOR PROCESSING AND STORAGE BUILDINGS AND APPROXIMATELY 50 DISPERSED PROCESSING OR STORAGE BUILDINGS (36 APPEAR REVETTED).

A SECURED EXPLOSIVES TESTING SITE LOCATED APPROXIMATELY 4 NM SSE OF THE PLANT CONTAINS 12 REVETTED TEST PADS OR PITS IN 2 ROWS. WHETHER OR NOT THE TEST SITE IS ACTIVE CANNOT BE DETERMINED.

A PREVIOUSLY REPORTED TEST SITE UNDER CONSTRUCTION 5 NM NE OF THE PLANT IS CLOUD COVERED. NO CONSTRUCTION ACTIVITY OBSERVED.

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DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
[REDACTED] VEHICLES/EQUIPMENT -- 39 PROBABLE TRACKED PRIME MOVERS, 48 PROBABLE CARGO TRUCKS, 64 OTHER VEHICLES, 34 FA PIECES, AND 12 LIGHT AAA PIECES OBSERVED. AN UNRENETTED, 6-GUN LIGHT AAA SITE IS LOCATED IN THE SE PART OF THE CAMP.

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TBILISI ARMY BARRACKS SABURTALO

UR 4143N 04446E

NO MILITARY INSTALLATION OBSERVED IN CLOUD-FREE AREAS.

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LENINAKAN ARMY BARRACKS NORTH

UR 4048N 04349E

IN NORTH PART OF LENINAKAN.

INSTALLATION CONTAINS 2 U-SHAPED ADMINISTRATION BUILDINGS, 23 BARRACKS, 3 BARRACKS/QUARTERS, 41 PROBABLE QUARTERS, 12 STORAGE BUILDINGS, 6 VEHICLE

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SHEDS, 2 ATHLETIC FIELDS, AND APPROXIMATELY 25 SUPPORT BUILDINGS. AT LEAST 140 PROBABLE VEHICLES OBSERVED. HEAVY TRACKAGE INDICATES ENTIRE INSTALLATION IS OCCUPIED.

25X1

LENINAKAN ARMY BARRACKS SOUTHWEST

UR 4046N 04349E

IN SW PART OF LENINAKAN.

INSTALLATION CONTAINS 3 ADMINISTRATION BUILDINGS, 14 BARRACKS, AT LEAST 22 QUARTERS, 7 STORAGE BUILDINGS, 8 VEHICLE SHEDS, AND APPROXIMATELY 15 SUPPORT BUILDINGS. AT LEAST 75 PROBABLE TRUCKS OBSERVED. HEAVY TRACKAGE INDICATES ENTIRE INSTALLATION IS ACTIVE.

TBILISI ARMY DEPOT PUG 20

UR 4141N 04452E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, EQUIPMENT, OR INDICATIONS OF MILITARY ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. ONLY THE NW PART OF THE INSTALLATION IS OBSERVED ON FAIR QUALITY PHOTOGRAPHY.

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Complexes

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COMPLEXES

HSIA-MEN COMPLEX

CH 2427N 11805E

NO APPARENT CHANGE SINCE [REDACTED] ENTIRE
ISLAND IS COVERED ON GOOD QUALITY, NON-STEREO
PHOTOGRAPHY.

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MU-TAN-CHIANG COMPLEX

CH 4435N 12936E

THE RAIL-AND ROAD-SERVED COMPLEX IS COVERED ON GOOD
QUALITY NON-STEREO PHOTOGRAPHY.

MAJOR INDUSTRIAL TARGETS INCLUDE RAILROAD SHOPS, HEAT
AND CHEMICAL PROCESSING INDUSTRIES, A HEAVY FABRICATION
PLANT, A LARGE LIGHT FABRICATION/ASSEMBLY PLANT, AND
NUMEROUS LIGHT INDUSTRIES. THERE IS A MUNITIONS
LOADING PLANT WHICH IS PROBABLY PART OF MU-TAN-CHIANG
AMMO DEPOT EAST, I-HO [REDACTED]

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MILITARY TARGETS INCLUDE 2 BARRACKS AREAS, AT LEAST 4
MILITARY STORAGE AREAS, AND 1 MAJOR AIRFIELD.

INDUSTRIAL ACTIVITY APPEARS TO BE AT A HIGH LEVEL.

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**Other
Activity**

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Attachments

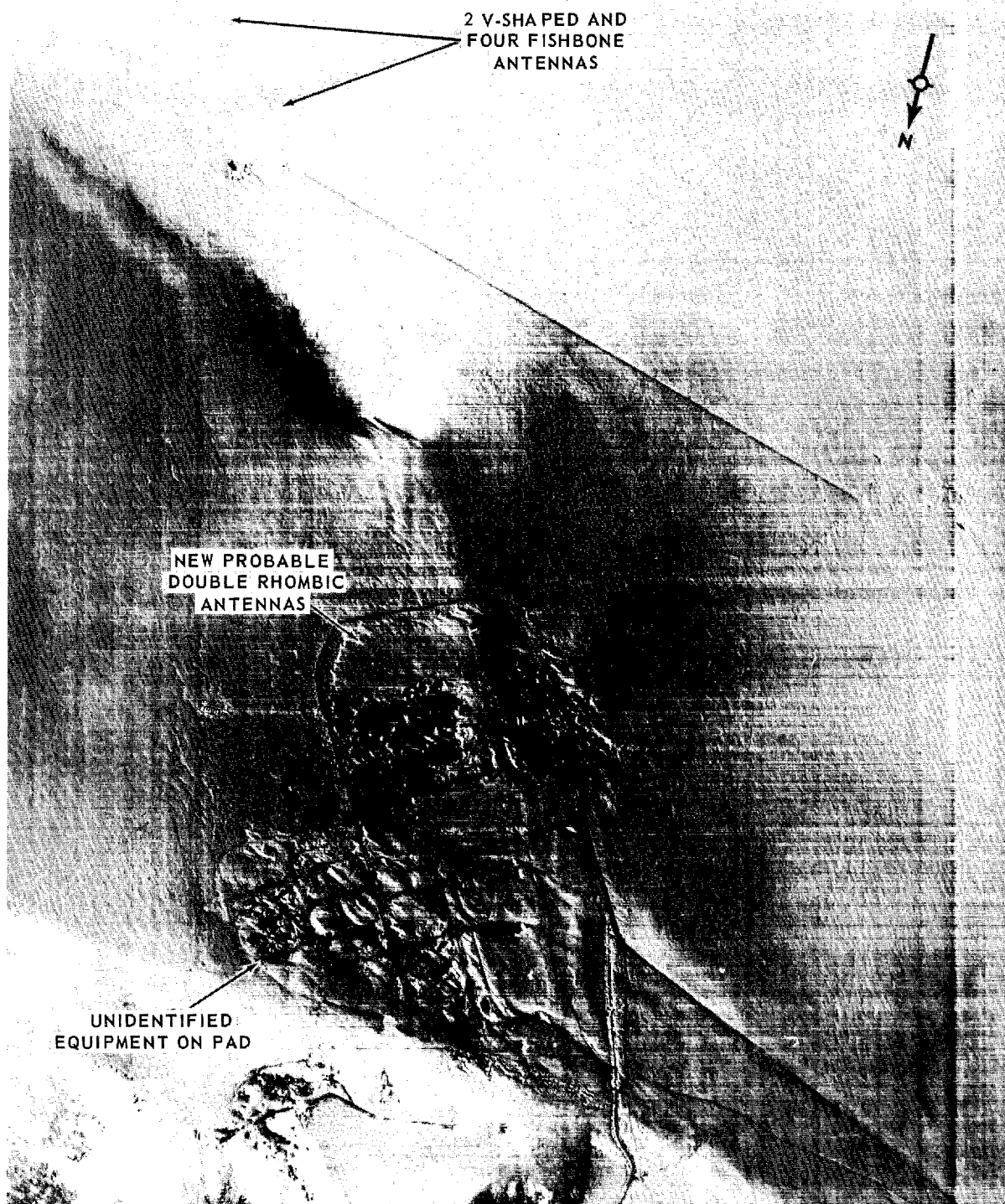
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MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 1



MRBM SITE, UGOLNY, USSR

NPIC J-9837 (3/65)

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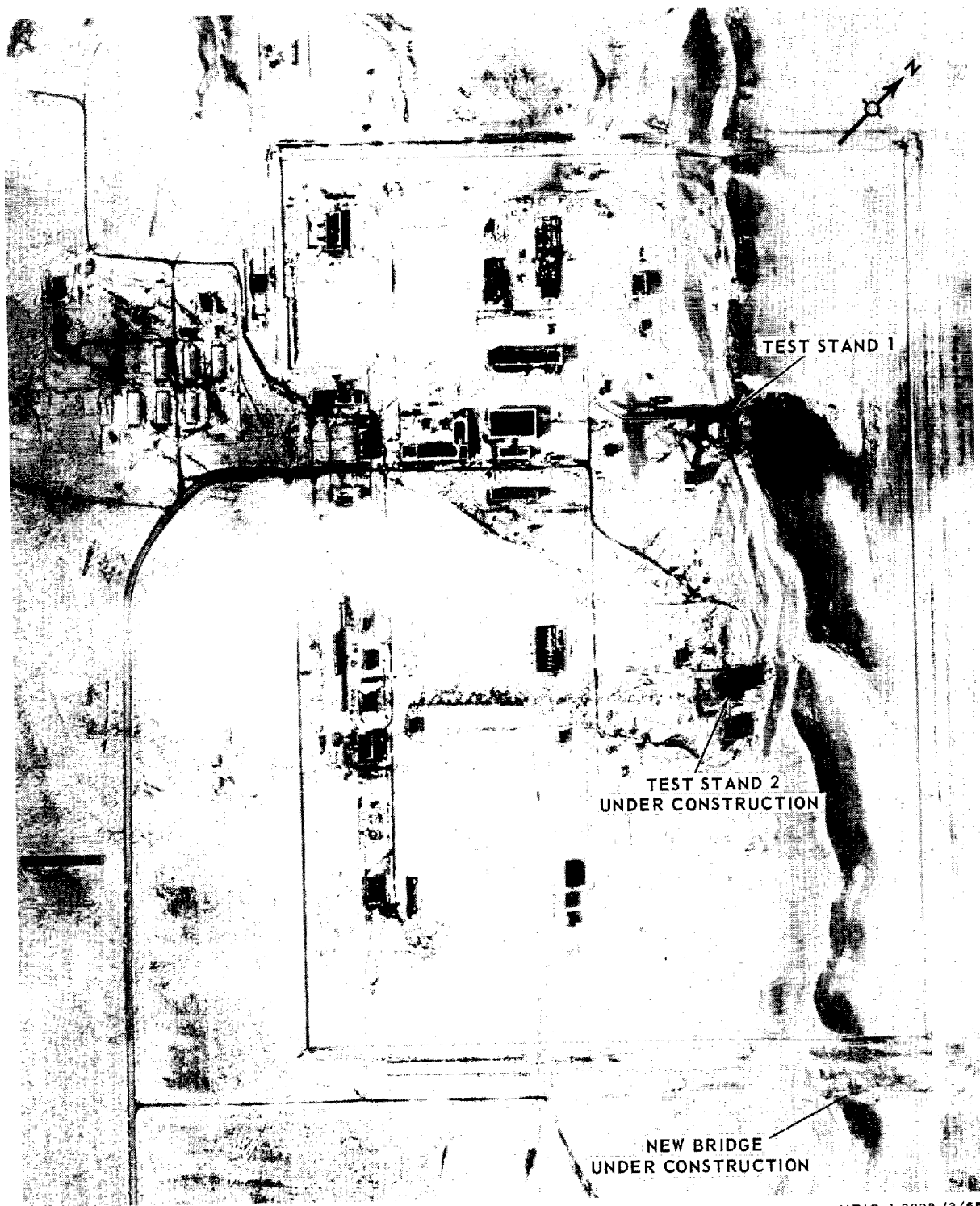
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MISSION 4016, 13-16 MARCH 1965

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ATTACHMENT 2



ROCKET ENGINE TEST FACILITY, OMSK, USSR

NPIC J-9838 (3/65)

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ATTACHMENT 3



NAVAL BASE AND SHIP REPAIR YARD, YOKANGA, USSR

NPIC J-9839 (3/65)

25X1

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